

**Government of India  
Bhabha Atomic Research Centre  
Ion Accelerator Development Division**

**Ref: No. IADD/JVM/2017/OPA 226362**

**Date:20/12/2017**

**Subject: Invitation of Quotations for Minor fabrication of Racks, Panels and Power Distribution units**

1. Quotations are invited for the minor fabrication job as per the technical specifications.
2. Bidder shall quote for fabrication and supply of these components along with material.
3. Taxes and excise duties shall be quoted separately. Form AF/H if required shall be provided.
4. The quotation must reach Head, IADD, Van-de-Graff Bldg, BARC **before 20/1/2018** and must be sent in a sealed envelope superscribed with the reference number and due date given above.
5. The quotations and the envelopes must be addressed to:

**Head  
Ion Accelerator Development Division,  
Van-de-Graff Bldg, BARC  
Trombay - 400085**
6. The bidder should furnish the GST, PAN and TIN numbers in their quotations without which the quotation will be rejected.
7. Head, IADD, Van-de-Graff Bldg, BARC reserves the right to accept/reject any or all quotations without citing any reason.
8. The bidder shall take an insurance policy against any material issued to him by the purchaser.
9. The fabrication work shall be subject to inspection by our representative. The finished components shall not be dispatched prior to the approval by our representative at the suppliers site. Necessary inspection facilities as per the technical specification document has to be provided at the supplier's site.
10. The bidder shall deliver the finished components after inspection and approval by our representative within 3 months from the date of Work Order issued to the bidder. The finished components and the scrap from the free issue material shall be delivered by the bidder at Van-de-Graff Bldg, BARC.
11. Quote for each part separately.
12. Detailed drawing with final dimensions will be made available after issue of work order.
13. In case any further clarification is required, the bidders may contact at phone no. 25596940.

**Inquiry**

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**Technical Specification for Tender No. IADD/JVM/2017/OPA 226362  
Minor fabrication of Racks, Panels and Power Distribution units**

SN	Description	Qty
1	19 Inch rack ; <b>Size : 42U Height/ 600mm Width/ 800mm Depth</b> <ul style="list-style-type: none"> <li>- Material : Vertical pillar of the frame are Aluminium extrusion and all the other part made of CRCA Steel</li> <li>- Modular Design with complete knock down condition</li> <li>- Doors: Vent design</li> <li>- Removable Side Panel with Slam latch</li> <li>- Depth Support – 4 Pair per Rack</li> <li>- Equipment Shelf 725mm depth – 5 Nos. per rack</li> <li>- Provision of air circulation</li> <li>- Castors Set , with break / without break</li> <li>- Hardware Packet- 3 nos. per rack</li> <li>- Cable Manger – 2 nos. Per rack</li> <li>- Colour: Powder Coated Black</li> </ul>	3
2	19 Inch rack ; <b>Size : 42U Height/ 600mm Width/ 600mm Depth</b> <ul style="list-style-type: none"> <li>- Material : Vertical pillar of the frame are Aluminium extrusion and all the other part made of CRCA Steel</li> <li>- Modular Design with complete knock down condition</li> <li>- Doors: Vent design</li> <li>- Removable Side Panel with Slam latch</li> <li>- Depth Support – 4 Pair per Rack</li> <li>- Equipment Shelf 525mm depth – 5 Nos. per rack</li> <li>- Provision of air circulation</li> <li>- Castors Set , with break / without break</li> <li>- Hardware Packet- 3 nos. per rack</li> <li>- Cable Manger – 2 nos. Per rack</li> <li>- Colour: Powder Coated Black</li> </ul>	3
3	19 Inch rack ; <b>Size : 24U Height/ 600mm Width/ 600mm Depth</b> <ul style="list-style-type: none"> <li>- Material : Vertical pillar of the frame are Aluminium extrusion and all the other part made of CRCA Steel</li> <li>- Modular Design with complete knock down condition</li> <li>- Doors: Vent design</li> <li>- Removable Side Panel with Slam latch</li> <li>- Depth Support – 4 Pair per Rack</li> <li>- Equipment Shelf 525mm depth– 5 Nos. per rack</li> <li>- Provision of air circulation</li> <li>- Castors Set , with break / without break</li> <li>- Hardware Packet- 3 nos. per rack</li> <li>- Cable Manger – 2 nos. Per rack</li> <li>- Colour: Powder Coated Black</li> </ul>	3
SN	Description	Qty
4	19" Open Rack 2 Post for mounting power distribution boards <b>Size : 45U/ 19"</b> <ul style="list-style-type: none"> <li>- Construction : Two Post Extruded Aluminium with "U" Marking designed for dense cabling environment,</li> <li>- 100X 100 Vertical cable Manger set of 4</li> <li>- Heavy base plate to keep steady without grounding</li> <li>- Colour: Powder Coated Black</li> </ul>	8

**Technical Specifications**

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6	Power distribution boards as per below specifications. All MCBs and power sockets should be from <b>Legrand</b> .	
a	PDU 19" 6 Socket 5/15Amp with Individual 16Amp MCB, with common 32AMP MCB with 3mtr cable with Industrial Connector - Construction : Rigid and lightweight aluminium casing with Powder Coated Black	20
b	PDU 19" 8 Socket 5/15Amp with Common 32Amp MCB with 3mtr cable with Industrial Connector - Construction : Rigid and lightweight aluminium casing with Powder Coated Black	10
c	PDU 19" 12 Socket 5/15Amp with Common 64 Amp MCB with 3 mtr cable Open End - Construction : Rigid and lightweight aluminium casing with Powder Coated Black	10
d	SCRAM button (Siemens make) in metal casing (cutout mountable type)	6
7	19 inch rack mountable 2.5 mm thick SS plates; height 7 inch with cutouts for mounting display units with below specifications.	
a	Evenly placed 3 numbers of - 5.5" (Width) X 4.5 " (Height) cut-outs in one plate	10
b	Evenly placed 8.3" (width) X 3.5 "( height) cutout [1 Number]: 4.2" (width) X 4.2" (height) cutout [1 number]	4
c	MX fiber body extension board 5/15amp 4/5 socket individual Switch; surge protector fuse with cable 3 mtr	5
8	Digital Vernier Caliper, Mitutoyo : 150mm / 6"	2
9	Storage: Plastic Stack and Store Container Set, 12 Litres, Nayasa (length 34 cm, breath 23cm, and height 14cm)	4
10	Storage: Plastic 4 Piece Drawer set, Nayasa (18.5 cm x 27 cm x 26 cm)	4
11	Storage: Plastic 3 Piece Drawer set, Nayasa (18.5 cm x 27 cm x 26 cm)	4

GST No.  
PAN No.

**(Vendors Name)**  
**Authorised Signatories & Company Seal**

**Technical Specifications**